

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: Approval of Purchase: Technology Cyclic Replacement Program - High School Printers

ITEM NO: 9I

PREPARED BY: Andrea Bengier, Assistant Superintendent for Instruction and Technology

MEETING: April 12, 2006

ACTION DATE: April 12, 2006

Dave Mirra, Director of Instructional Technology and Information Services

Mike Ballard, Technology Supervisor

ACTION REQUESTED BY THE SUPERINTENDENT: That the Stafford County School Board approve the purchase of 300 Ricoh Monochrome Network Laser Printers to provide a low cost of ownership printing solution at Brooke Point, Colonial Forge, Stafford and North Stafford High Schools. Total estimated cost of this purchase is \$249,900.00.

KEY POINTS:

- This laser printer replacement is consistent with the Cyclic Technology Replacement Program outlined in the Stafford County 2004 - 2010 Integrated Technology Plan (ITP).
- The majority of printing at BPHS, SHS and NSHS is via inkjet printers connected directly to the individual desktop computers. These printers have become costly maintenance burdens for the school division because the units were not designed for the type of production-printing usage they have been subjected to in the school environment.
- Replacement ink for these printers is another significant cost item for two reasons. Each printer model uses different cartridges that are incompatible with any other printer model. This requires schools to maintain a variety of different cartridges in stock, depending on their specific printer inventories.
- CFHS was our first, single-printer-model, integrated networked printing solution design, demonstrating a significantly lower cost-per-printed-page than the other high schools. Inkjet printer costs run between 4 and 9 cents per page for ink whereas the proposed high volume network printer costs for toner are approximately 1.1 cents per page.
- Single printer-model-designs further reduce costs of ownership by eliminating the stocked supplies for multiple printer models.
- Seventy printers are required to provide a one-to-one replacement of the seven-year old laser printers currently in use at CFHS. Estimates of printers for BPHS, SHS and NSHS are slightly higher as the layouts of these older buildings are not optimized for easy access to a distributed network printer as is the newer CFHS/MVHS design.
- These printers will be purchased using Sigma Systems' Montgomery County Public Schools Technology Infrastructure Contract: Contract price of these printers is \$833.00 per unit, and includes a 3-year warranty, delivery, installation, trash removal, and relocation of the displaced printers. Estimated cost of this purchase is \$249,900.00.
- Displaced network printers that retain significant useful life will be refurbished at the Technology Maintenance Facility. These printers will then be grouped by similar model and redistributed to the middle and elementary schools with an eye towards providing a similar cost benefit in those schools. Units determined to be beyond economic repair will be disposed of appropriately in accordance with school division procedures.

SCHOOL BOARD GOALS:

2. Integrate technology in support of all instruction.
4. Address the impact of continuing population growth by developing plans to address expanding staff, facilities, transportation, attendance zones, and instruction.
5. Provide facilities that promote student learning and community support.

FUNDING SOURCE:

<u>Contractor/Vendor</u>	<u>Funding Source (Technology Infrastructure)</u>	<u>Amount</u>
Sigma Systems	Computer Equipment/Hardware	\$249,900.00

AUTHORIZATION REFERENCE: Stafford County Public Schools Integrated Technology Plan (2004-2010)